

**GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA**

UNSTARRED QUESTION NO:4134
ANSWERED ON:20.04.2005
HARNESSING OF NUCLEAR ENERGY
Rao Shri Kavuru Samba Siva;Yadav Shri Sita Ram

Will the Minister of ATOMIC ENERGY be pleased to state:

- (a) whether nuclear energy is costly as compared to other energy sources;
- (b) if so, the details thereof;
- (c) whether we are capable to tap this resource fully;
- (d) if so, whether any special emphasis is being given to generate nuclear power for industrial use;
- (e) if so, the target set for generation of nuclear power in the coming five years;
- (f) whether the Government has any proposal to set up nuclear power projects in public or private sector; and
- (g) if so, the details thereof particularly in Andhra Pradesh?

Answer

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN):
=====

- (a) No. sir. The cost of electricity from nuclear power is comparable to that of thermal power at locations away from coal mines.
- (b) Not applicable.
- (c) Yes Sir.
- (d) Electricity generated by NPCIL is supplied to the beneficiary State Electricity Boards for further supply to the different consumers including industrial use.
- (e) The target of nuclear power generation for the coming five years (2005-2006 to 2009-2010) are yet to be finalised. However, the expected generation of nuclear power for the said period is about 1,40,000 Million Units (MUs). The target set for the year 2005-2006 is 16,800 MUs.
- (f) More nuclear power projects are planned to be set up by the two government companies of the Department of Atomic Energy (DAE) in the public sector.
- (g) The sites for nuclear power projects to be commenced in the X and early XI plan are under consideration of the Government. However, no decision has so far been taken regarding the locations of these projects.